SMD: Changes in Market Monitoring

This slide was shared with the End Use and the Generator Sectors at their meetings

- Extension of Real-Time AMP Capabilities Beyond NYC.

- Inclusion of startup and min-gen mitigation in the statewide Day-Ahead AMP.

- NYC

  - Current RT-AMP moved to RTS.

  - Day-Ahead AMP environment includes NYC.

    - Conduct and Impact.

    - Hourly Selectivity.

    - Old NYC tariff language removed; conforming changes in Attachment H (Mitigation Measures).

Draft--For Discussion Only

Real-Time AMP Outside NYC

- Deployment of this capability will be part of the RTS implementation.
- Activation list (aka watchlist) will be empty at the outset.
- Conduct will be tested continually, consistent with authority and current procedures.
- MMP tools determine potential impact.
- Conversations with suppliers.
- If explanation is unsatisfactory, MMP consults with Independent Market Advisor.
- Upon advice and consent, MMP places a unit on the activation list.
- If the unit continues to fail conduct, and also has impact, it will be mitigated.
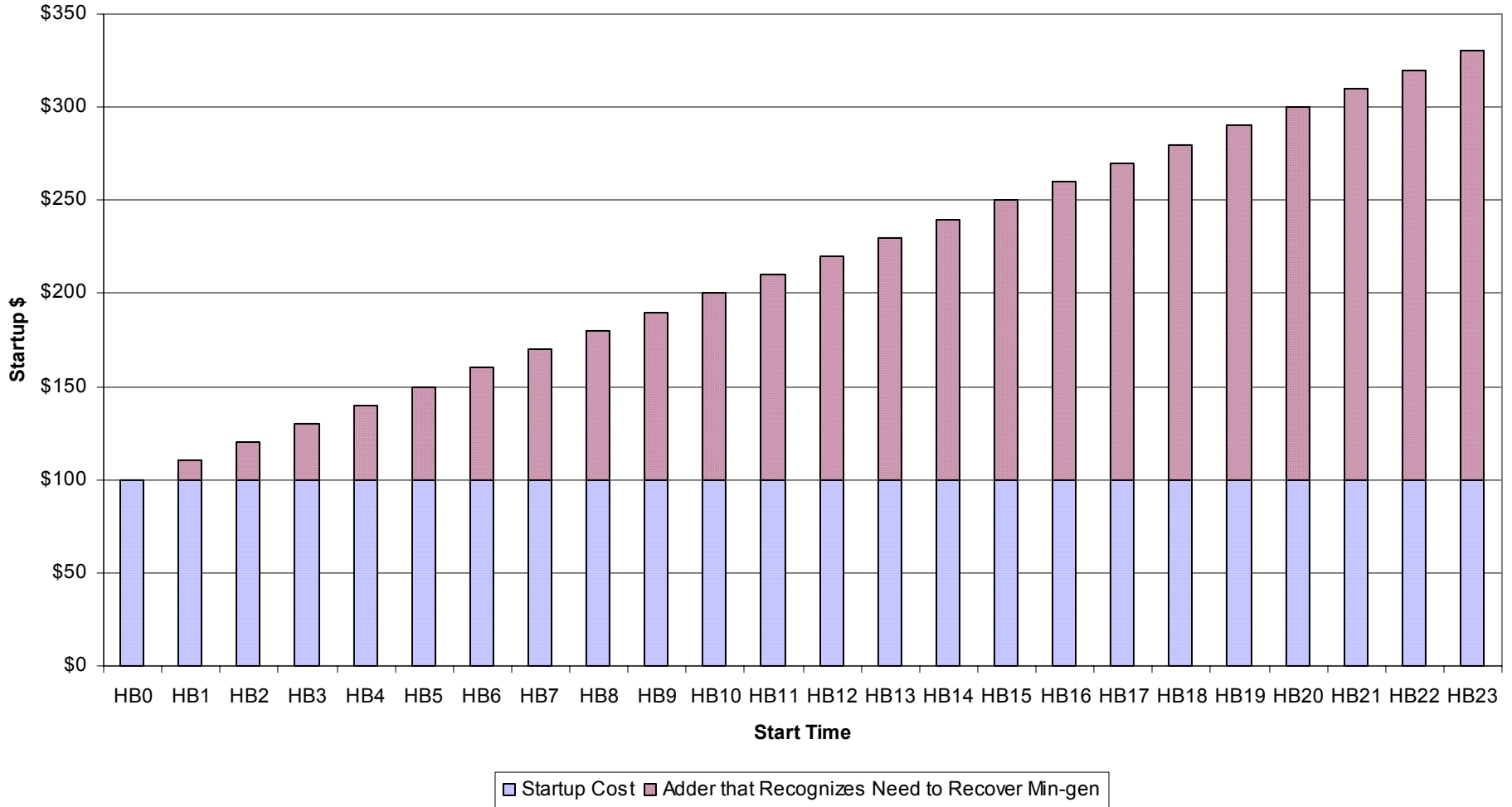
Startup Reference Levels in AMP

- SMD allows time-of-day varying startup bids.

- AMP will automatically mitigate startup (and min-gen) bids that fail conduct and impact tests.

- Because of the automation, there is a need for startup reference levels to reflect costs associated with a DAM schedule that may not reflect minimum run times that cross midnight.
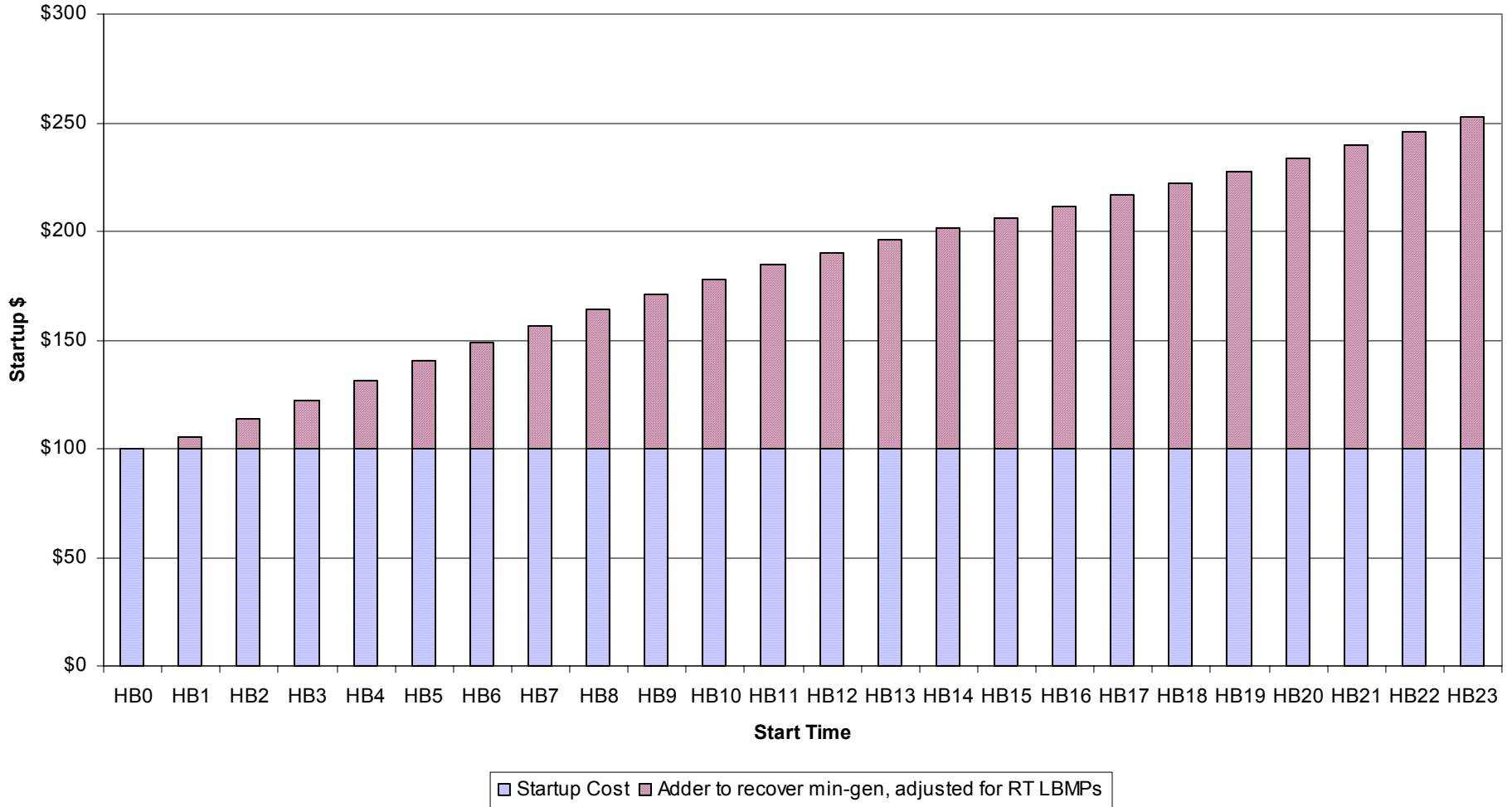
Startup Reference Levels in AMP, cont'd

- MMP notes that the startup conduct threshold is 200% (a tripling) of the reference level.

- The NYISO proposes to incorporate an adder on the startup reference level.

  - It would vary by hour, starting with HB01, and continue through HB23.

  - The adder is based on min-gen reference levels.

  - It reflects the potential losses from bidding as a price-taker in the following operating day in order to complete minimum run time.

  - It is adjusted by expected LBMP revenues in the hours in which a unit runs to complete its minimum run time.

Startup Reference Levels

Draft--For Discussion Only

Startup Reference Levels

Draft--For Discussion Only

New York City

- Modelling and mitigation of NYC load pockets moves into RTS: full conduct and impact tests.

- DAM modelling and mitigation will also recognize intra-zonal congestion.

  - The focus is on the pockets.

  - LPTs will be determined by the frequency of constrained hours in the DAM.

- Mitigation will be temporally selective.

- The trigger will be based on congestion into NYC.

- NYC mitigation is integrated into Attachment H.